

1/8

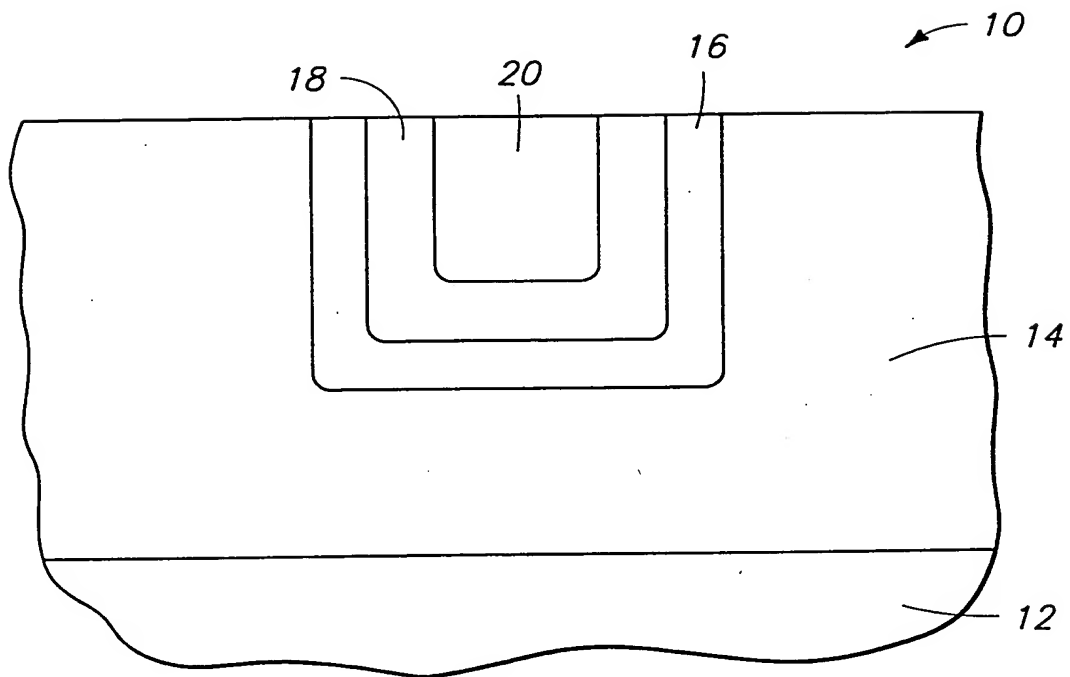


FIG. 1
PRIOR ART

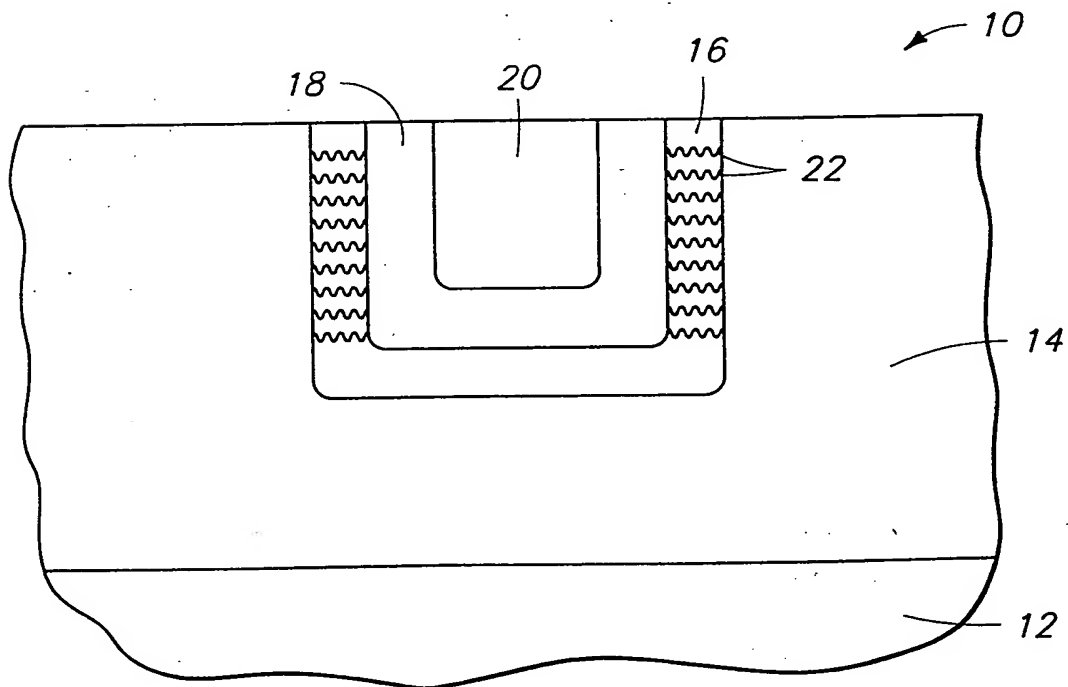
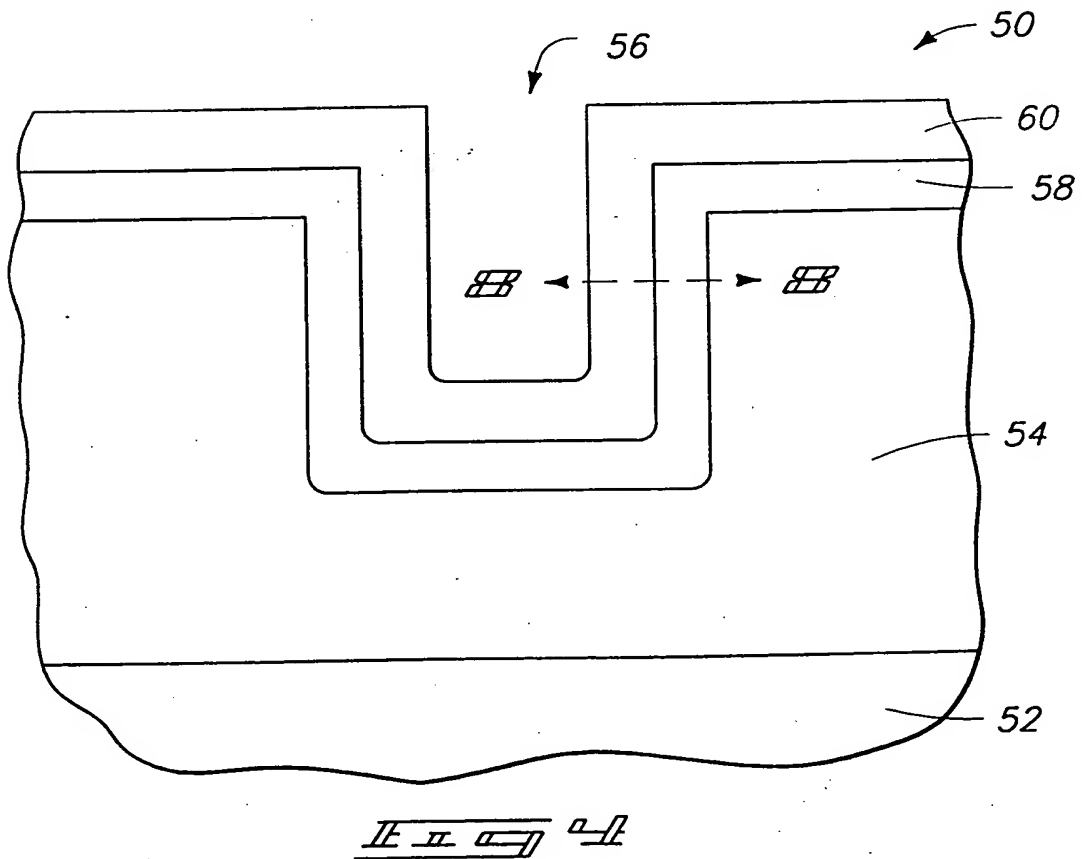
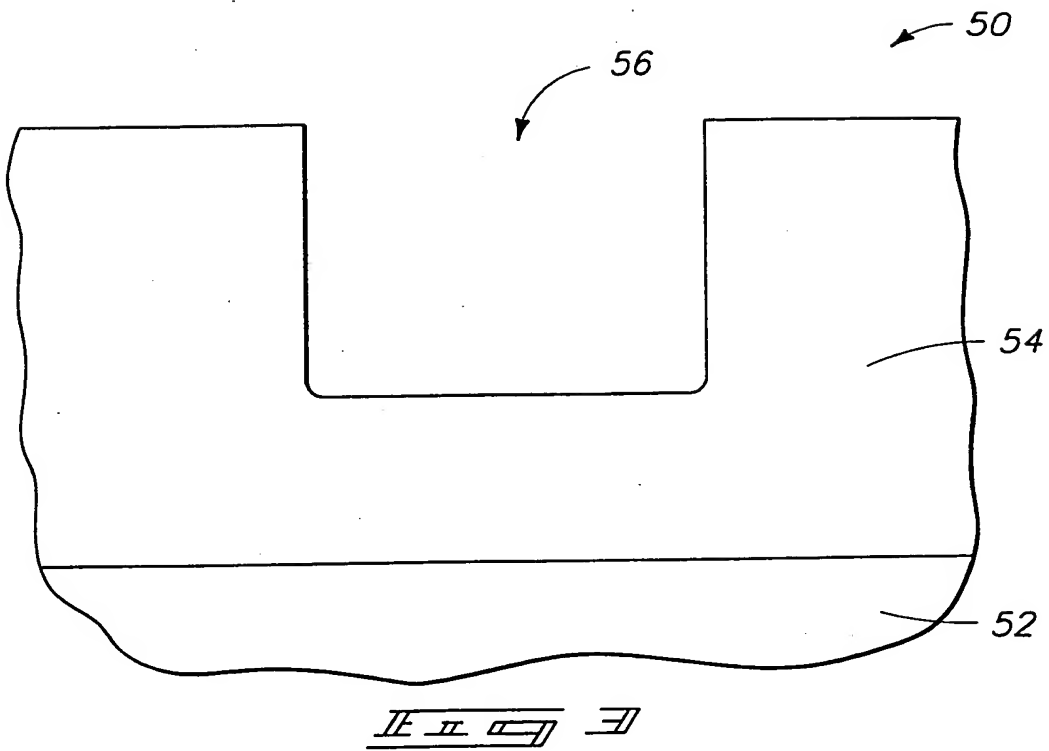
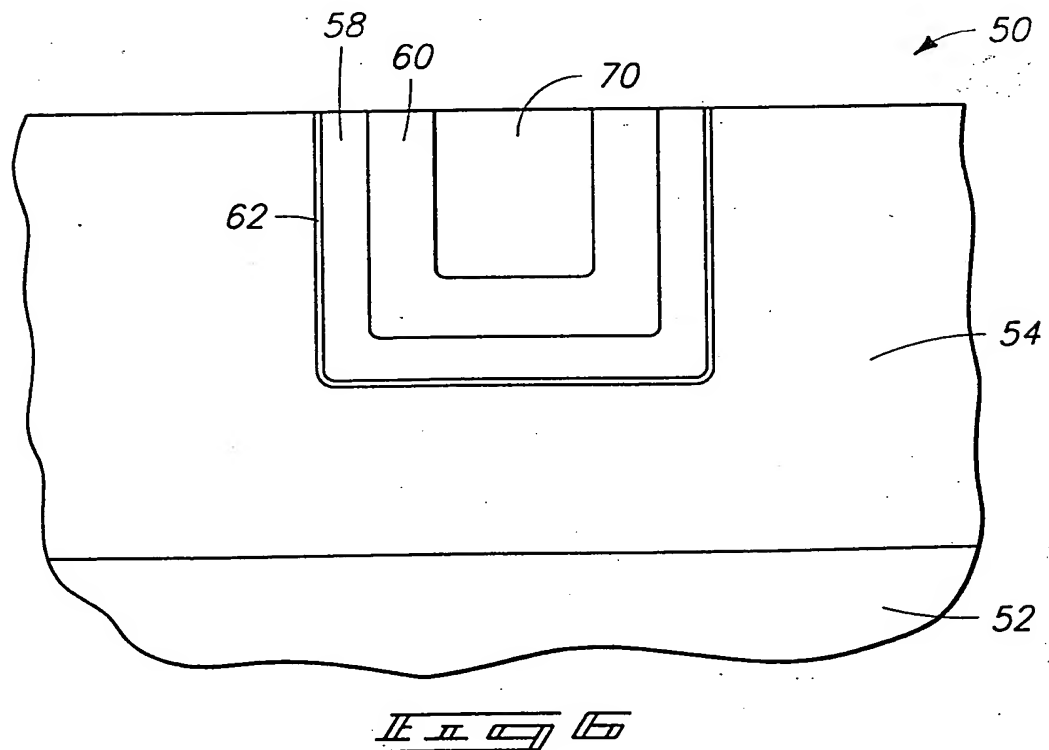
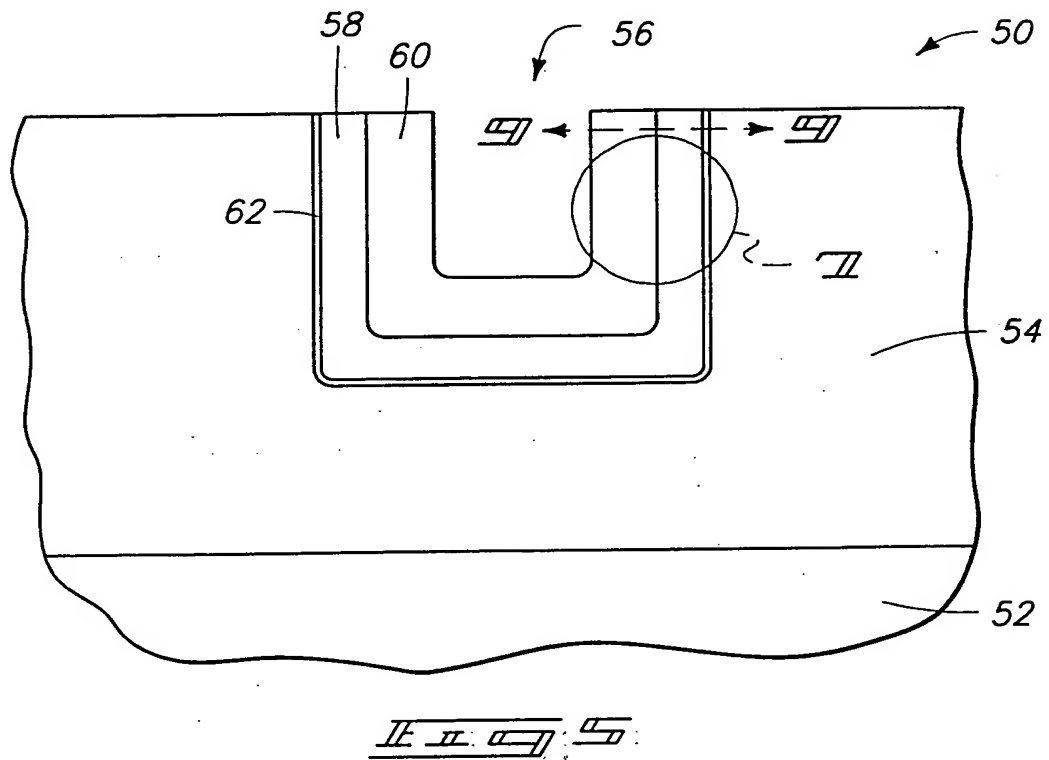


FIG. 2
PRIOR ART

2/8



3/8



4/8

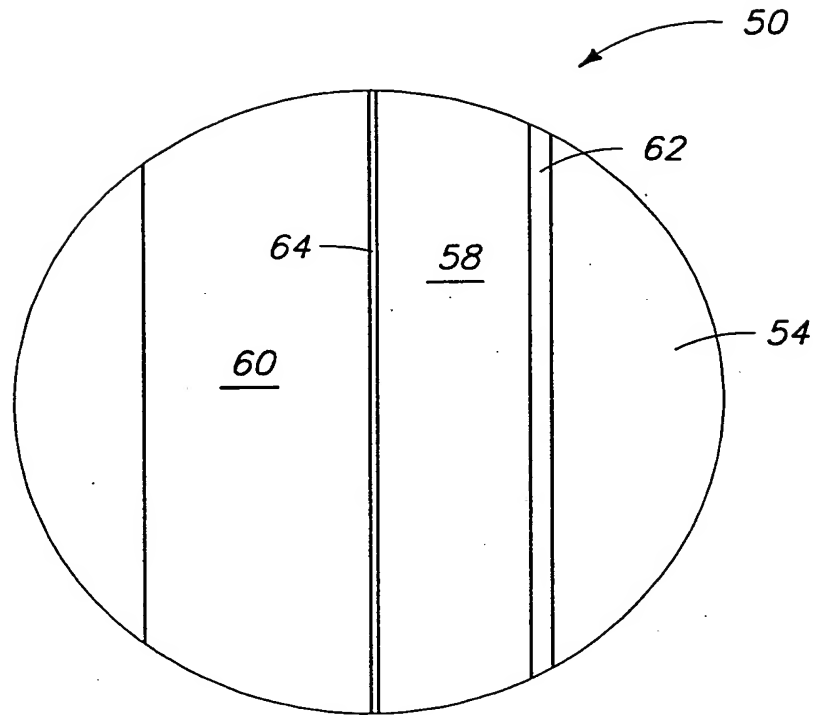


FIG. 1

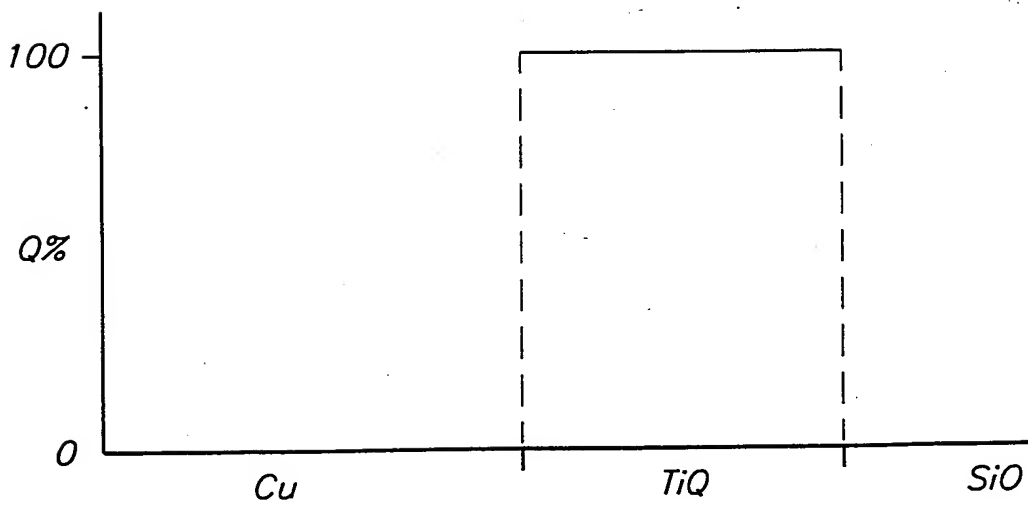
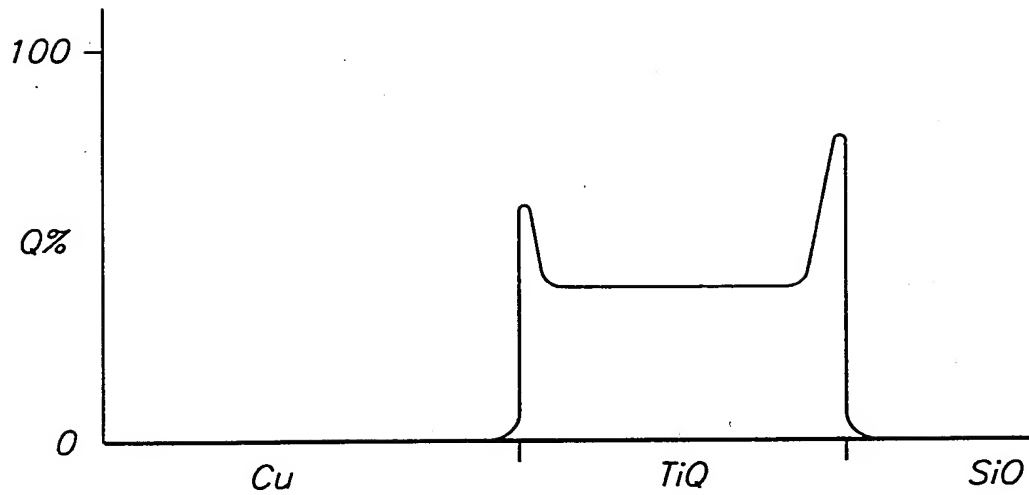
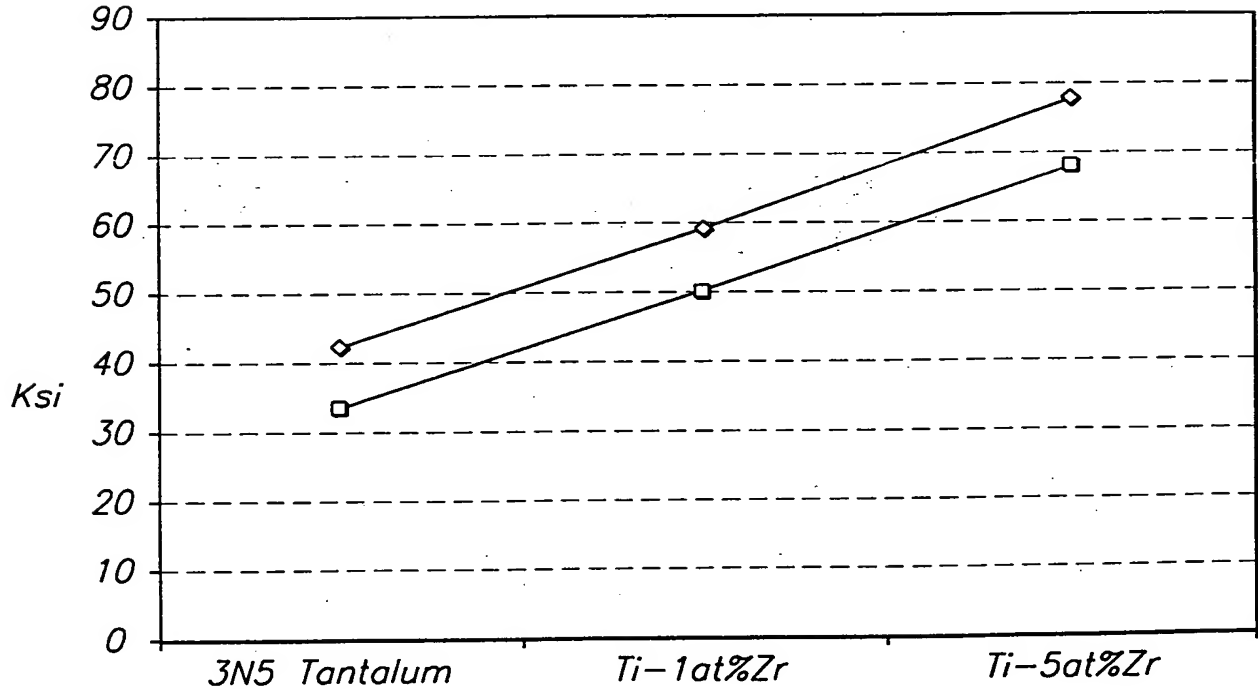


FIG. 2

5/8



II II II II

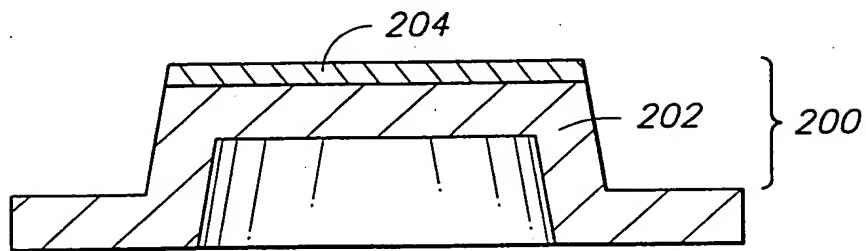


◇ ULTIMATE TENSILE STRENGTH (Ksi)

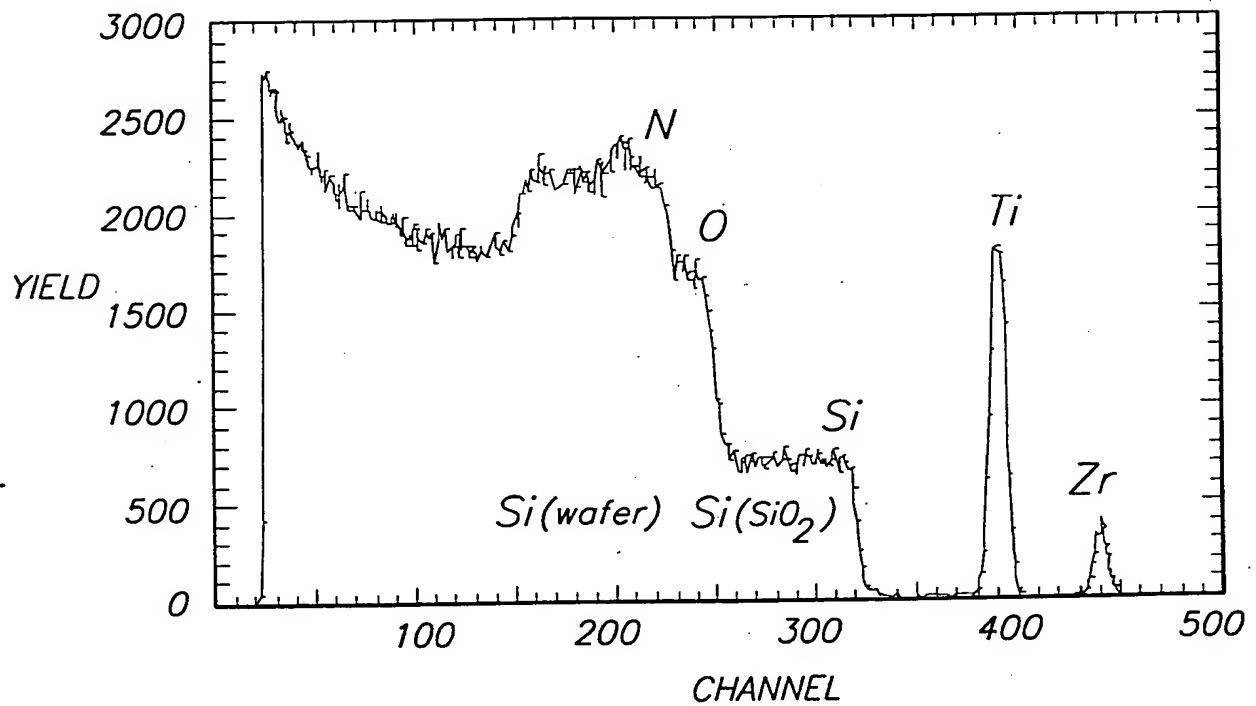
□ 0.2% YIELD STRENGTH (Ksi)

II II II II

6/8

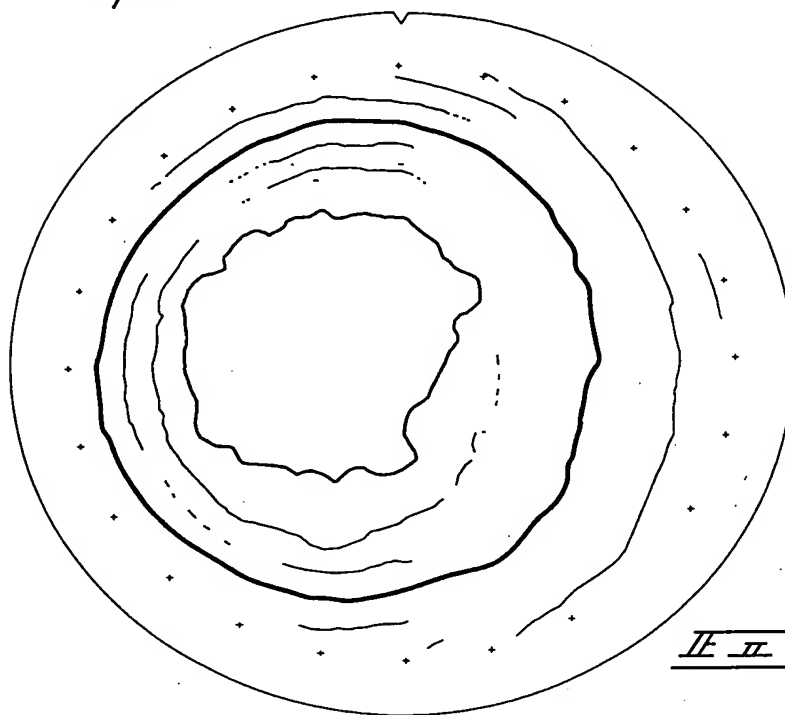


II II II II

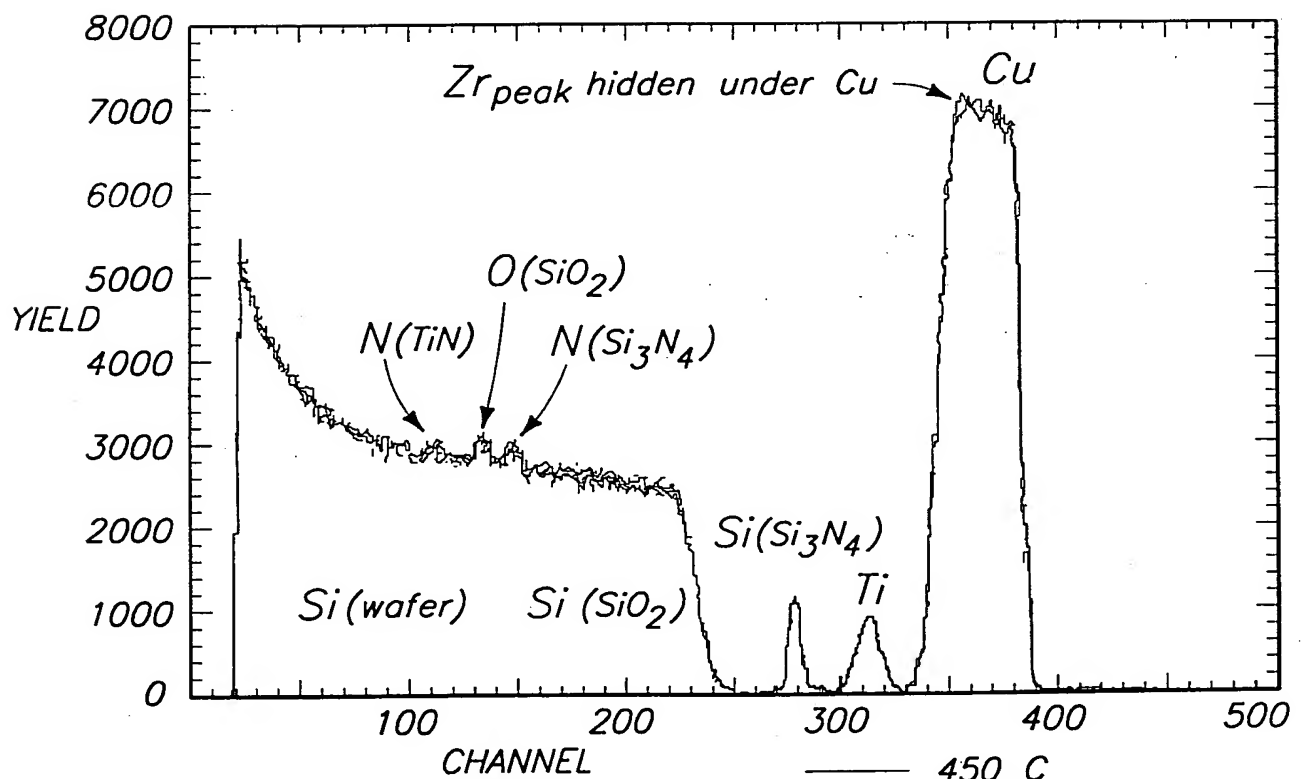


II II II II

7/8



II II II II II



— 450 C
- - 550 C
- - - 600 C
- - - - 650 C
- - - - - 700 C

II II II II II

8/8

The figure is a line graph showing XPS spectra. The y-axis is labeled 'YIELD' and ranges from 0 to 6000 with major ticks every 1000. The x-axis is labeled 'CHANNEL' and ranges from 0 to 500 with major ticks every 100. There are two data series: a solid line representing '1h at 700 C' and a dashed line representing '5h at 700 C'. The spectra show a broad peak labeled 'N O' around channel 150, a sharp peak labeled 'Si' around channel 260, a sharp peak labeled 'Ti' around channel 350, and a small peak labeled 'Zr' around channel 410. The 'Ti' and 'Zr' peaks are more prominent in the 1h spectrum than in the 5h spectrum.

Page 15